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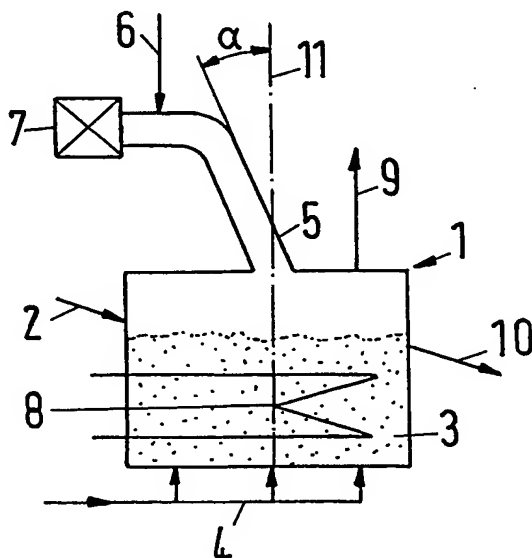
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- (71) Applicant (*for all designated States except US*): **OUT-OKUMPU OYJ** [FI/FI]; Riihitontuntie 7, FIN-02200 Espoo (FI).
- (72) Inventors; and
- (75) Inventors/Applicants (*for US only*): **STRÖDER, Michael** [DE/DE]; Dürerstrasse 77, 61267 Neu-Anspach (DE). **ANASTASIJEVIC, Nikola** [DE/DE]; Zum Niddersteg 11, 63674 Altenstadt (DE). **GERDES, Thorsten** [DE/DE]; Talblick 4, 95448 Bayreuth (DE). **WILLERT-PORADA, Monika** [DE/DE]; Böttgerweg 5, 95448 Bayreuth (DE).
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(54) Title: TREATMENT OF GRANULAR SOLIDS IN A FLUIDIZED BED WITH MICROWAVES



(57) Abstract: This invention relates to a method for the thermal treatment of granular solids in a fluidized bed (3, 3a) which is located in a fluidized-bed reactor (1, 1a), wherein microwave radiation is fed into the fluidized-bed reactor (1, 1a) through at least one wave guide (5), and to a corresponding plant. To improve the efficiency of the microwave irradiation, the irradiation angle of the microwaves is inclined by an angle of 10° to 50°, in particular 10° to 20°, with respect to the principal axis (11) of the fluidized-bed reactor (1, 1a).